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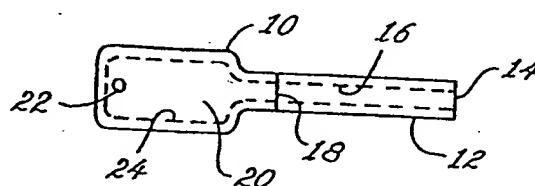
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㉓ Capillary flow device.

㉔ Novel methods and devices are provided involving at
least one chamber, at least one capillary, and at least one
reagent involved in a system providing for a detectable
signal. As appropriate, the devices provide for measuring a
sample, mixing the sample with reagents, defining a flow
path, and reading the result. Of particular interest is the use
of combinations of specific binding pair members which
result in agglutination information, where the resulting ag-
glutination particles may provide for changes in flow rate,
light patterns of a flowing medium, or light absorption or
scattering. A fabrication technique particularly suited for
forming internal chambers in plastic devices is also de-
scribed along with various control devices for use with the
basic device.



EP 0 212 314 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			EP 86110184.8
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl 4)
X	<u>AT - B - 376 300</u> (LILJA VAN EVERT) * Page 2, lines 14-18, 34-37; page 3, line 13 - page 4, line 41; claims; fig. 1-15 *	1,4,6, 7,10, 11	G 01 N 21/03 G 01 N 21/51 G 01 N 21/00 G 01 N 33/48 B 01 L 3/00 G 01 N 33/50
D	& US-A-4 088 448 --		
A	<u>DE - A1 - 3 134 611</u> (BOEHRINGER) * Abstract; page 10, line 1 - page 11, line 24; claims; fig. 1a,1b *	1,6	
A	<u>DE - B - 2 007 405</u> (AMERICAN OPT. CORP.) * Totality *	1,6	
A	<u>US - A - 4 233 029</u> (COLUMBUS) * Abstract; claims *	1	TECHNICAL FIELDS SEARCHED (Int. Cl 4)
A	<u>US - A - 3 799 742</u> (COLEMANN) * Abstract; fig. *	1,6	B 01 L 3/00 B 29 C 65/00 G 01 N 1/00 G 01 N 21/00 G 01 N 33/00
D, A	PLASTICS ENGINEERING, August 1985 GALLAGEN S.T. "Laying the groundwork for ultrasonic welding." * Pages 35-37 *	1,13	
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
VIENNA	25-04-1989	ERBER	
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone	T : theory or principle underlying the invention		
Y : particularly relevant if combined with another document of the same category	E : earlier patent document, but published on, or after the filing date		
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P : intermediate document	& : member of the same patent family, corresponding document		



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D, A	<p>TRANSFUSION, vol. 20, no. 6, November - December 1980, Lippincott Company, Philadelphia, Toronto</p> <p>REYNOLDS L.O. et al. "Size distribution of microaggregates in stored blood."</p> <p>* Pages 669-678 *</p> <p>---</p>	1,2,6	
	<p>IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING, vol. BME-30, no. 1, January 1983</p> <p>POWERS J.E. "A light-scattering apparatus for the study of cellular suspensions"</p> <p>* Pages 228-231 *</p> <p>----</p>	1,2,6	
TECHNICAL FIELDS SEARCHED (Int. Cl.4)			
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Y : particularly relevant if combined with another document of the same category		D : document cited in the application	
A : technological background		L : document cited for other reasons	
O : non-written disclosure		& : member of the same patent family, corresponding document	
P : intermediate document			